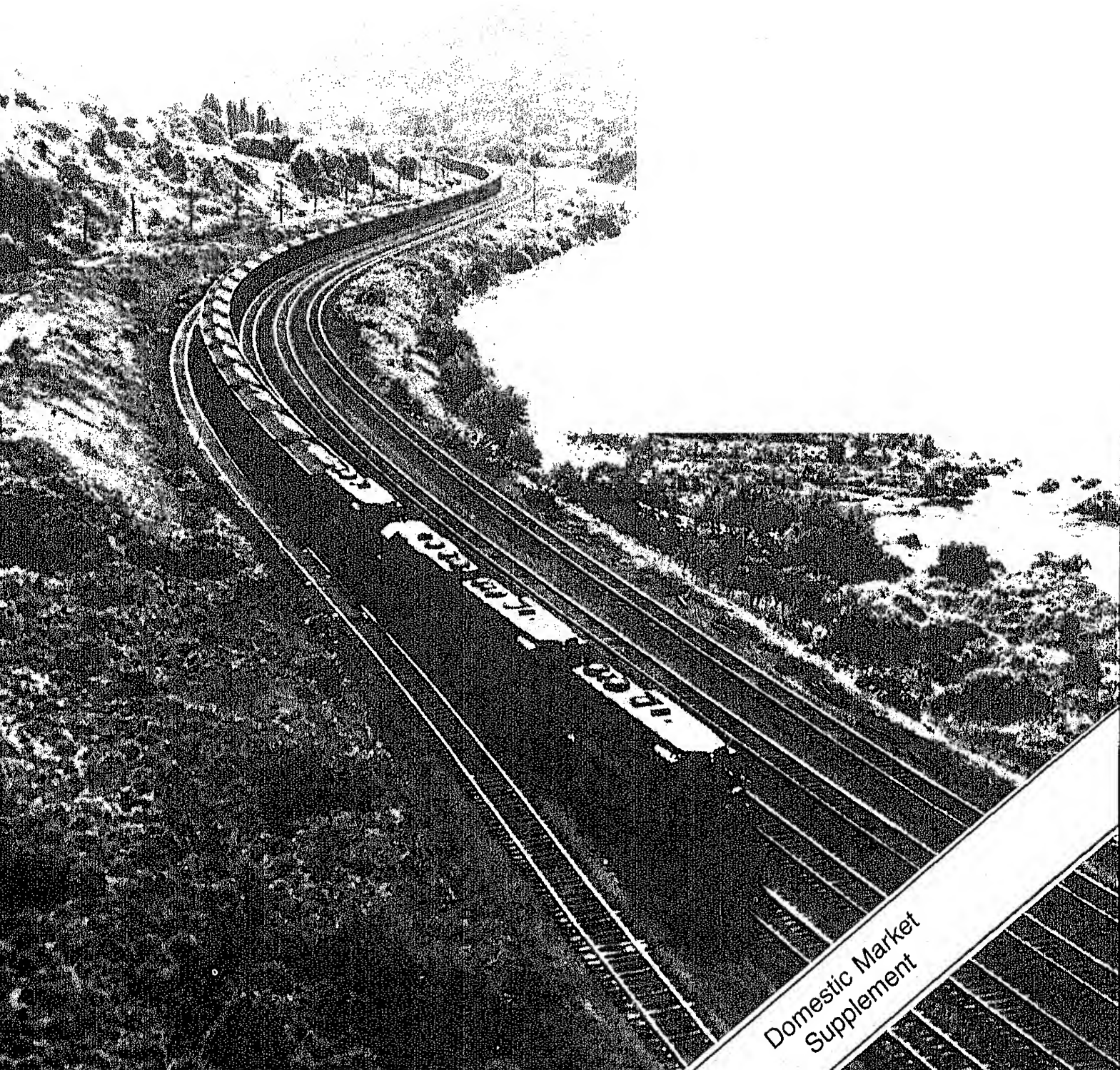




Energy
Information
Administration

Weekly Coal Production

Production for Week Ended:
September 7, 1991



Domestic Market
Supplement

Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 and 1989 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988 and 1 percent to 2 percent for 1989.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 and 1989 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988 and 0.09 percent to 0.14 percent for 1989.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1989*, and *Coal Data: A Reference*.

This publication was prepared by Wayne M. Watson and Michelle D. Bowles under the direction of Mary K. Paull and Noel C. Balthasar, Chief, Data Systems Branch. *Questions on energy statistics should be directed to the National Energy Information Center (NEIC) at (202/586-8800).*

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the Department of Energy. The information contained herein should not be construed as advocating or reflecting any policy of the Department of Energy or any other organization.

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Summary

Coal production in the week ended September 7, 1991, as estimated by the Energy Information Administration, totaled 18 million short tons. This was 11 percent less than in the previous week, and about the same as in the comparable week in 1990. The decrease in production from the previous week reflects the Labor Day holiday. Production east of the Mississippi River totaled 11 million short tons, and production west of the Mississippi River totaled 8 million short tons.

Coal consumption at electric utilities in June 1991 was 371 million short tons, about the same as in June 1990. Total coal consumption at electric utility plants for the first 6 months of 1991 was 371 million short tons. This was 4 million short tons more than in the first half of 1990.

The largest regional increases occurred in the West South Central Census Division, where utility coal consumption in the first half of 1991 was 3 million short tons higher than a year earlier; and in the East South Central Census Division, where consumption increased more than 1 million short tons. The largest decrease was in the Mountain Census Division, where utility coal consumption dropped by 3 million short tons.

In the West South Central Census Division, utility coal consumption increased in all States. Texas was by far the leading consumer of utility coal in the region. Total coal-fired electricity generation in this Division was 4

percent higher than in the first half of 1990. The increase helped compensate for declines in electricity generation from oil, gas, and hydropower.

In the East South Central Census Division, Alabama accounted for most of the increase in utility coal consumption. Coal-fired electricity generation in Alabama rose by 13 percent and helped offset declines in nuclear-powered and hydroelectric generation.

In the Mountain Census Division, most of the decline in utility coal consumption was in New Mexico. Although total electricity generation in this Division in the first half of 1991 was about the same as in the comparable period in 1990, generation from coal fell by 7 percent. This drop in coal-fired generation was due to a doubling of nuclear-powered generation from the Palo Verde power plant in Arizona.

Electric utility coal stocks on June 30, 1991, totaled 161 million short tons, about the same as on June 30, 1990.

Coal receipts at electric utility plants in May 1991 were 63 million short tons, slightly below the amount received a year earlier. Utility coal receipts in the first 5 months of 1991 totaled 312 million short tons, 4 percent less than in the comparable period of 1990.

Coal receipts data for 1990 have been revised.

Figure 1. Coal Production

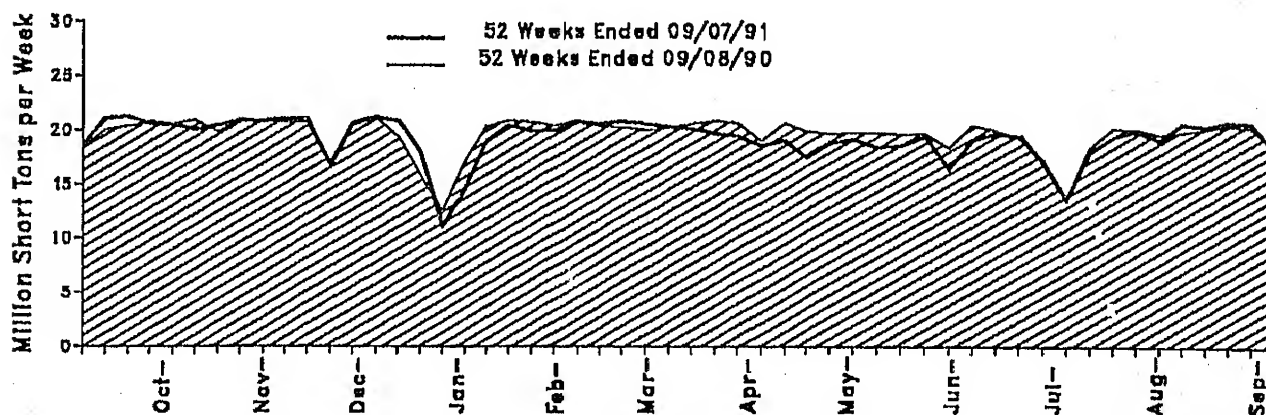


Table 1. Coal Production

Production and Carloadings	Week Ended			52 Weeks Ended		
	09/07/91	08/31/91	09/08/90	09/07/91	09/08/90	Percent Change
Production (Thousand Short Tons)						
Bituminous Coal ¹ and Lignite	18,259	20,626	18,567	1,003,308	1,019,913	-1.6
Pennsylvania Anthracite	44	52	52	2,802	3,107	-9.8
U.S. Total	18,302	20,678	18,619	1,006,111	1,023,020	-1.7
Railroad Cars Loaded	119,075	134,674	121,718	6,516,282	6,629,909	

¹ Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 2. Coal Production by State
(Thousand Short Tons)

Region and State	Week Ended		
	09/07/91	08/31/91	09/08/90
Bituminous Coal¹ and Lignite			
East of the Mississippi	10,500	12,161	10,846
Alabama	449	560	458
Illinois	1,090	1,144	1,011
Indiana	650	717	629
Kentucky	2,778	3,237	3,077
Kentucky, Eastern	2,102	2,477	2,233
Kentucky, Western	676	760	844
Maryland	59	70	81
Ohio	576	679	584
Pennsylvania Bituminous	1,198	1,397	1,154
Tennessee	100	119	103
Virginia	791	941	805
West Virginia	2,809	3,298	2,964
West of the Mississippi	7,759	8,466	7,722
Alaska	25	28	25
Arizona	207	234	208
Arkansas	1	1	"
California	-	-	6
Colorado	329	430	364
Iowa	6	7	8
Kansas	13	15	13
Louisiana	71	81	62
Missouri	43	49	42
Montana	728	775	671
New Mexico	472	572	460
North Dakota	559	595	558
Oklahoma	32	34	31
Texas	1,113	1,257	1,070
Utah	372	475	423
Washington	80	90	94
Wyoming	3,709	3,823	3,688
Bituminous Coal ¹ and Lignite Total	18,259	20,626	18,567
Pennsylvania Anthracite	44	52	52
U.S. Total	18,302	20,678	18,619

¹ Includes subbituminous coal.

in thousand short tons.

a preliminary. Total may not equal sum of components because of independent rounding.

Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 3. Coal Statistics for Electric Utilities, 1982-1991

Year and Month	Receipts				Consumption (thousand short tons)	Generation		Stocks (thousand short tons)
	Quantity (thousand short tons)	Percent Contract	Price (cents per MM Btu)	Quality (lbs. sulfur per MM Btu)		Million kWh ¹	Percent ²	
1982	601,427	90.4	165	1.42	593,666	1,192,004	53.2	181,132
1983	592,728	88.3	166	1.39	625,211	1,259,424	54.5	155,598
1984	604,111	85.5	166	1.39	664,399	1,341,681	55.5	179,727
1985	666,743	88.9	165	1.32	693,841	1,402,128	56.8	156,376
1986	686,964	87.5	158	1.32	685,056	1,385,831	55.7	161,806
1987	721,298	84.6	151	1.31	717,894	1,463,781	56.9	170,797
1988	727,775	86.3	147	1.26	758,372	1,540,653	57.0	148,507
1989								
January	62,443	82.6	143	1.28	66,767	135,181	58.1	142,538
February	56,634	82.9	145	1.29	62,784	127,187	57.9	137,363
March	63,218	83.4	144	1.28	62,005	126,725	55.9	139,036
April	62,076	82.2	144	1.27	56,144	115,451	55.5	144,674
May	64,796	84.0	145	1.30	58,527	119,108	54.1	151,067
June	61,272	83.9	145	1.26	63,835	128,615	54.6	148,981
July	55,429	83.2	144	1.22	69,720	138,638	53.9	134,865
August	70,147	82.9	145	1.29	70,493	141,901	54.9	133,948
September	64,539	81.1	146	1.27	62,910	126,898	55.9	135,640
October	66,578	80.7	145	1.29	60,561	122,393	55.7	142,280
November	65,570	80.7	144	1.28	61,006	124,338	56.7	147,207
December	60,515	81.9	143	1.27	72,336	147,227	56.8	135,860
Total	753,217	82.4	144	1.28	766,888	1,553,661	55.8	
1990								
January	67,637	82.7	145	1.30	68,290	132,672	55.9	137,465
February	62,280	82.1	146	1.30	57,996	115,898	54.5	142,218
March	67,518	83.1	145	1.31	60,748	122,958	54.4	149,388
April	63,888	82.9	147	1.30	57,776	117,278	55.6	155,982
May	64,958	83.1	148	1.30	59,140	119,785	53.7	161,695
June	63,604	82.4	146	1.29	65,167	132,461	53.2	160,823
July	63,427	82.8	144	1.28	71,376	144,225	54.2	152,982
August	70,571	83.5	145	1.29	72,942	147,135	54.8	150,123
September	65,728	82.3	145	1.28	66,727	135,345	56.9	149,013
October	69,159	82.2	146	1.28	64,264	130,282	58.0	155,191
November	65,401	82.3	145	1.27	60,916	123,841	58.0	159,895
December	62,386	81.7	142	1.26	68,335	136,576	57.6	155,183
Total	786,557	82.6	145	1.29	771,678	1,558,457	55.5	
1991								
January	63,356	84.5	146	1.26	71,190	141,677	57.1	148,736
February	61,059	85.6	147	1.26	58,443	117,536	55.8	152,202
March	63,537	86.6	145	1.27	59,195	118,066	53.4	157,031
April	60,747	87.1	147	1.26	55,483	112,177	53.7	162,804
May	63,005	86.3	148	1.26	61,298	123,664	52.8	165,483
June	NA	NA	NA	NA	65,777	131,681	53.1	161,410

¹ Kilowatthours

² Coal-fired generation as a percentage of total generation.

^{NA} Not available.

Note: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Sources: Receipts: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." Consumption, Stocks and Generation: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 4. Coal-Fired Net Generation, June 1991
(Million Kilowatthours)

Census Division and State	June 1991	June 1990	Percent Change	Year to Date				
				Coal Generation			Percent of Total Generation	
				1991	1990	Percent Change	1991	1990
New England	1,317	884	48.9	8,078	7,471	8.1	17.8	15.9
Connecticut	180	191	-5.3	1,010	1,221	-17.3	7.6	7.5
Maine	-	-	-	-	-	-	-	-
Massachusetts	862	634	36.0	5,502	5,107	7.7	31.7	26.4
New Hampshire	275	60	359.7	1,567	1,143	37.0	21.2	31.9
Rhode Island	0	0	-	0	0	-	.0	.0
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	11,192	10,929	2.4	67,178	67,031	.2	41.6	40.9
New Jersey	518	702	-26.2	2,452	3,421	-28.3	14.9	21.4
New York	2,004	1,969	1.8	12,015	12,288	-2.2	19.1	19.4
Pennsylvania	8,670	8,258	5.0	52,711	51,321	2.7	64.1	60.7
East North Central	31,331	30,159	3.9	180,038	178,056	1.1	74.2	74.3
Illinois	4,465	4,660	-4.2	27,373	27,038	1.2	44.5	44.4
Indiana	8,712	7,687	13.3	46,748	47,478	-1.5	99.5	98.3
Michigan	5,947	5,687	5.0	33,287	32,234	3.3	72.5	68.2
Ohio	8,592	9,691	-1.0	55,970	55,791	.3	86.6	90.8
Wisconsin	2,815	2,454	6.6	16,659	15,515	7.4	71.9	71.2
West North Central	14,581	13,272	9.9	79,211	78,786	.5	73.9	75.3
Iowa	2,331	2,014	15.7	12,100	11,841	2.2	83.2	82.0
Kansas	2,174	2,060	5.5	10,199	11,726	-13.0	66.5	76.1
Minnesota	2,281	1,887	20.8	12,836	13,087	-1.9	67.1	65.9
Missouri	4,339	4,201	3.3	23,644	21,829	8.3	79.1	76.8
Nebraska	1,139	1,071	6.4	6,550	6,748	-2.9	55.3	60.1
North Dakota	2,079	1,818	14.4	12,385	12,427	-.3	93.2	92.8
South Dakota	238	220	8.4	1,497	1,128	32.7	47.3	37.7
South Atlantic	26,500	29,143	-9.1	148,242	148,510	-.2	58.8	58.7
Delaware	348	432	-19.4	2,306	2,240	3.0	62.1	65.0
District of Columbia	-	-	-	-	-	-	-	-
Florida	5,274	5,204	1.3	28,153	28,282	-.5	45.8	49.6
Georgia	5,318	6,422	-17.2	28,412	30,323	-6.3	64.1	66.7
Maryland	2,308	2,128	8.5	10,882	11,474	-5.2	60.7	78.1
North Carolina	3,422	4,464	-23.3	21,006	20,153	4.2	52.7	53.1
South Carolina	2,006	2,301	-12.8	10,833	10,737	.9	31.9	31.9
Virginia	1,929	1,720	12.2	10,719	8,590	24.8	45.8	36.6
West Virginia	5,894	6,472	-8.9	35,930	36,711	-2.1	99.0	98.9
East South Central	17,098	16,938	.9	87,026	84,349	3.2	70.4	70.6
Alabama	5,355	5,339	.3	28,124	23,080	13.2	68.3	62.3
Kentucky	6,537	6,494	.7	34,520	34,221	.9	93.9	95.2
Mississippi	900	1,103	-18.4	4,043	4,155	-2.7	36.3	38.1
Tennessee	4,307	4,002	7.6	22,339	22,893	-2.4	59.6	64.4
West South Central	16,487	16,498	-.1	87,088	83,910	3.8	48.9	47.7
Arkansas	1,891	1,865	1.3	9,369	7,834	19.6	51.5	45.5
Louisiana	1,540	1,388	11.0	8,824	7,706	15.8	34.3	28.9
Oklahoma	2,289	2,275	.6	11,757	11,795	-.3	56.9	53.8
Texas	10,768	10,970	-1.8	57,017	56,575	.8	50.4	51.5
Mountain	12,663	14,500	-12.7	83,931	89,834	-6.6	72.3	77.4
Arizona	2,532	3,191	-20.7	13,887	15,371	-9.7	45.6	57.3
Colorado	2,390	2,540	-5.9	14,050	14,637	-4.0	93.7	94.5
Idaho	-	-	-	-	-	-	-	-
Montana	821	864	-4.9	7,378	7,283	1.3	55.5	57.4
Nevada	1,136	929	22.3	7,433	6,408	16.0	77.0	77.2
New Mexico	1,468	2,156	-31.9	9,825	12,802	-23.3	87.2	90.5
Utah	1,891	2,520	-25.0	13,525	15,381	-12.1	96.0	97.6
Wyoming	2,424	2,300	5.4	17,832	17,954	-.7	98.2	98.3
Pacific	511	138	269.0	4,029	3,108	29.6	3.0	2.2
California	-	-	-	-	-	-	-	-
Oregon	8	0	-	1,009	-12	NM	3.9	*
Washington	483	114	324.8	2,850	2,960	-3.7	5.0	5.4
Alaska	20	25	-19.6	170	160	6.8	7.5	7.1
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	131,681	132,461	-.6	744,800	741,053	.5	54.3	54.5

* For quantity data, the absolute value of the number is less than 0.5 glgawatthours. For percentage calculations, the absolute value of the number is less than 0.05 percent.

†† Percent change calculation not meaningful as value is greater than 500.

Notes: Negative generation denotes that electric power consumed for plant use exceeds gross generation. Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 5. Coal Consumption at Electric Utility Plants, June 1991
(Thousand Short Tons)

Census Division and State	June 1991	May 1991	June 1990	Year to Date		
				1991	1990	Percent Change
New England	491	397	344	3,017	2,857	5.6
Connecticut	74	71	78	414	503	-17.8
Massachusetts	310	269	241	1,994	1,908	4.5
New Hampshire	107	57	25	610	446	36.8
Rhode Island	0	0	0	0	0	-
Middle Atlantic	4,557	4,458	4,467	27,064	27,077	*
New Jersey	220	122	275	995	1,321	-24.6
New York	799	790	788	4,797	4,944	-3.0
Pennsylvania	3,538	3,547	3,404	21,272	20,812	2.2
East North Central	14,788	14,029	14,248	85,391	84,478	1.1
Illinois	2,291	2,118	2,377	14,012	13,712	2.2
Indiana	4,326	3,909	3,833	23,177	23,564	-1.6
Michigan	2,685	2,605	2,558	15,170	14,693	3.2
Ohio	4,036	3,787	4,108	23,681	23,802	-.5
Wisconsin	1,451	1,610	1,371	9,352	8,707	7.4
West North Central	9,219	7,635	8,283	50,306	50,009	.6
Iowa	1,448	1,068	1,222	7,391	7,337	.7
Kansas	1,361	1,160	1,307	6,437	7,434	-13.4
Minnesota	1,511	1,548	1,262	8,340	8,370	-.4
Missouri	2,166	1,707	2,042	11,901	10,873	9.5
Nebraska	726	614	683	4,137	4,270	-3.1
North Dakota	1,783	1,286	1,559	10,695	10,653	.4
South Dakota	225	253	208	1,405	1,073	30.9
South Atlantic	10,639	10,614	11,545	59,529	58,748	1.3
Delaware	157	119	178	977	936	4.3
Florida	2,159	1,973	2,113	11,533	11,411	1.1
Georgia	2,166	2,261	2,604	12,066	12,280	-1.7
Maryland	875	749	808	4,152	4,409	-5.8
North Carolina	1,396	1,649	1,721	8,292	7,743	7.1
South Carolina	802	779	912	4,317	4,280	.9
Virginia	767	724	677	4,194	3,349	25.2
West Virginia	2,317	2,361	2,532	13,998	14,340	-2.4
East South Central	7,210	6,589	7,141	37,161	35,888	4.1
Alabama	2,204	2,133	2,186	10,959	9,585	14.3
Kentucky	2,856	2,555	2,842	15,261	14,929	2.2
Mississippi	382	268	451	1,691	1,701	-.6
Tennessee	1,767	1,633	1,663	9,250	9,472	-2.3
West South Central	11,629	10,060	11,290	60,583	57,898	4.6
Arkansas	1,164	836	1,153	5,734	4,676	17.6
Louisiana	1,027	966	919	5,895	5,133	14.8
Oklahoma	1,371	1,074	1,335	7,065	6,963	1.5
Texas	8,067	7,184	7,883	41,890	40,922	2.4
Mountain	6,891	7,294	7,747	45,575	48,262	-5.6
Arizona	1,280	1,264	1,595	6,982	7,690	-9.2
Colorado	1,281	1,197	1,356	7,587	7,938	-3.2
Montana	556	588	548	4,705	4,588	2.6
Nevada	538	579	444	3,752	3,167	18.5
New Mexico	857	1,060	1,289	5,526	7,482	-26.1
Utah	865	938	1,090	5,967	6,592	-9.5
Wyoming	1,513	1,691	1,425	11,055	10,905	1.4
Pacific	355	221	102	2,760	2,104	31.2
Oregon	11	0	0	683	0	-
Washington	325	195	81	1,924	1,963	-2.0
Alaska	18	26	21	153	141	8.3
U.S. Total	65,777	61,298	65,167	371,386	367,118	1.2

* For quantity data, the value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 6. Coal Stocks at Electric Utility Plants, June 1991
(Thousand Short Tons)

Census Division and State	June 30, 1991	May 31, 1991	June 30, 1990	Percent Change June 30: 1991 versus 1990
New England	1,186	1,206	1,558	-23.9
Connecticut	160	175	187	-10.1
Massachusetts	606	591	931	-34.9
New Hampshire	384	412	412	-6.9
Rhode Island	28	20	28	.0
Middle Atlantic	16,548	16,547	16,285	1.6
New Jersey	904	955	1,001	-9.8
New York	1,975	1,880	1,816	8.8
Pennsylvania	13,670	13,711	13,468	1.5
East North Central	39,196	39,791	37,777	3.8
Illinois	7,386	7,359	7,862	-6.1
Indiana	9,389	9,896	9,782	-3.8
Michigan	7,593	7,911	7,094	7.0
Ohio	10,986	11,036	8,979	22.3
Wisconsin	3,842	3,590	4,080	-5.8
West North Central	20,006	20,380	20,928	-4.4
Iowa	4,481	4,593	4,142	8.2
Kansas	3,704	3,693	3,576	3.6
Minnesota	1,983	2,047	2,476	-19.9
Missouri	5,305	5,374	5,522	-3.9
Nebraska	1,639	1,697	1,611	1.8
North Dakota	2,004	2,691	3,321	-21.6
South Dakota	280	285	280	3.5
South Atlantic	29,318	30,056	29,288	.1
Delaware	471	438	440	7.2
Florida	5,441	5,528	5,431	.2
Georgia	5,971	6,112	6,464	-7.6
Maryland	2,329	2,382	1,705	36.6
North Carolina	4,585	4,689	4,895	-6.1
South Carolina	2,051	2,076	2,088	-1.8
Virginia	1,252	1,515	1,713	-26.9
West Virginia	7,208	7,316	6,552	10.0
East South Central	16,497	17,524	17,839	-7.5
Alabama	4,680	4,938	5,198	-10.0
Kentucky	6,938	7,515	7,375	-5.9
Mississippi	839	897	1,075	-21.9
Tennessee	4,040	4,175	4,182	-3.6
West South Central	16,753	18,141	16,469	1.7
Arkansas	2,191	2,492	2,264	-3.2
Louisiana	1,889	2,112	2,557	-26.1
Oklahoma	3,530	3,675	3,371	4.7
Texas	9,144	9,862	8,277	10.5
Mountain	19,165	19,341	18,415	4.1
Arizona	4,534	4,382	3,690	22.8
Colorado	3,512	3,728	3,864	-9.1
Montana	830	832	870	-4.7
Nevada	1,665	1,603	1,359	22.5
New Mexico	1,378	1,476	1,377	*
Utah	4,347	4,447	3,739	16.3
Wyoming	2,889	2,873	3,515	-17.5
Pacific	2,742	2,496	2,265	21.1
Oregon	1,053	782	480	119.4
Washington	1,688	1,713	1,781	-5.2
Alaska	†	†	4	-85.5
U.S. Total	161,410	165,483	160,823	.4

* For quantity data, the value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 7. Coal Receipts at Electric Utility Plants, May 1991
(Thousand Short Tons)

Census Division and State	May 1991	April 1991	May 1990	Year to Date		
				1991	1990	Percent Change
New England	523	483	600	2,611	2,863	-8.8
Connecticut	69	40	120	375	460	-18.5
Massachusetts	314	337	413	1,683	1,868	-9.9
New Hampshire	140	107	67	553	534	3.5
Middle Atlantic	4,474	4,512	5,058	22,025	25,741	-14.4
New Jersey	211	187	193	892	1,386	-28.4
New York	856	674	975	3,747	4,561	-17.9
Pennsylvania	3,407	3,651	3,890	17,267	19,794	-12.7
East North Central	15,388	13,877	14,805	67,667	70,251	-3.7
Illinois	2,424	2,305	2,439	11,570	11,190	3.4
Indiana	3,682	3,477	4,096	17,787	20,830	-14.6
Michigan	3,075	2,665	2,672	9,950	9,094	9.4
Ohio	4,330	3,711	3,838	20,665	21,845	-5.4
Wisconsin	1,878	1,720	1,759	7,694	7,291	5.5
West North Central	7,854	7,985	8,353	42,111	43,836	-3.9
Iowa	1,297	1,245	1,408	6,400	6,277	2.0
Kansas	1,200	1,010	1,100	5,065	6,760	-25.0
Minnesota	1,442	1,284	1,298	6,507	7,267	-10.5
Missouri	1,731	2,052	2,054	10,635	10,352	2.7
Nebraska	674	598	585	3,536	3,517	.5
North Dakota	1,277	1,609	1,726	8,898	8,918	-.2
South Dakota	233	187	182	1,069	755	41.6
South Atlantic	10,032	9,330	10,972	50,955	56,681	-10.1
Delaware	155	134	190	839	965	-13.1
Florida	2,011	2,089	2,158	10,211	10,320	-1.1
Georgia	2,070	1,889	2,394	10,508	11,148	-5.8
Maryland	796	663	778	3,467	4,279	-19.0
North Carolina	1,277	1,169	1,434	6,918	8,447	-18.1
South Carolina	790	706	810	3,570	3,662	-2.5
Virginia	452	496	537	3,307	3,179	4.0
West Virginia	2,481	2,184	2,672	12,138	14,682	-17.3
East South Central	6,507	6,709	7,367	32,156	35,390	-9.1
Alabama	2,055	2,087	1,892	10,016	9,175	9.2
Kentucky	2,524	2,609	3,246	12,622	15,647	-19.3
Mississippi	314	314	449	1,430	1,639	-12.7
Tennessee	1,614	1,699	1,781	8,088	8,929	-9.4
West South Central	10,058	9,204	9,660	50,410	47,722	5.6
Arkansas	889	1,207	908	5,375	4,064	32.2
Louisiana	821	877	1,011	4,518	4,121	9.6
Oklahoma	1,259	1,280	1,064	6,713	6,369	5.4
Texas	7,087	5,840	6,677	33,805	33,168	1.9
Mountain	7,590	8,100	7,719	40,970	41,536	-1.4
Arizona	1,469	1,199	1,117	6,669	6,495	2.7
Colorado	1,154	1,312	1,272	6,801	6,371	3.6
Montana	593	763	570	4,216	4,083	3.2
Nevada	700	695	437	3,572	3,082	15.9
New Mexico	1,049	1,077	1,419	4,842	6,187	-21.7
Utah	971	1,213	1,283	5,839	6,141	-4.9
Wyoming	1,653	1,841	1,621	9,231	9,176	.6
Pacific	581	547	424	2,799	2,295	22.0
Oregon	211	187	-	907	-	-
Washington	370	360	424	1,892	2,295	-17.6
U.S. Total	63,005	60,747	64,058	311,704	326,315	-4.5

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 8. Quality and Price of Coal Receipts at Electric Utility Plants,
May 1991**

Census Division and State	May 1991		May 1990		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1991		1990		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.79	179	0.89	183	0.88	181	0.95	179	-9.9	1.0
Connecticut .....	.41	213	.41	212	.42	218	.41	211	1.4	3.1
Massachusetts .....	.88	174	.97	174	.90	174	.97	171	-7.3	1.7
New Hampshire .....	.77	174	1.28	184	1.02	177	1.35	178	-24.4	-9
Mid Atlantic	1.58	154	1.66	153	1.61	157	1.63	155	-1.1	1.4
New Jersey .....	.75	174	.86	177	.86	182	.80	179	7.6	1.9
New York	1.41	161	1.47	159	1.38	163	1.43	161	-3.2	1.0
Pennsylvania	1.68	151	1.75	150	1.71	154	1.74	151	-1.8	1.8
East North Central	1.60	151	1.61	154	1.69	152	1.70	153	-.8	-.6
Illinois	1.75	173	1.93	173	1.84	174	1.96	175	-6.2	-.9
Indiana	1.84	138	1.89	140	1.95	139	1.92	141	1.3	-1.7
Michigan .....	.62	162	.63	164	.65	165	.67	167	-2.0	-1.0
Ohio	2.20	150	2.06	155	2.16	150	2.06	151	4.9	-1.2
Wisconsin .....	.94	136	.88	135	.80	137	.82	137	-2.3	.5
West North Central	1.10	122	1.13	117	1.07	116	1.10	115	-2.5	.8
Iowa	1.00	124	.92	117	.72	112	.69	110	4.2	1.1
Kansas .....	.55	124	.58	127	.57	128	.70	125	-18.1	.5
Minnesota .....	.55	136	.57	138	.55	138	.56	133	-1.5	3.4
Missouri	1.96	144	1.84	135	1.78	137	1.96	135	-9.0	1.5
Nebraska .....	.44	74	.43	76	.41	76	.43	77	-3.7	-.8
North Dakota	1.27	78	1.33	72	1.28	70	1.21	69	5.6	2.0
South Dakota	1.50	113	1.66	112	1.42	114	1.47	119	-3.8	-4.9
South Atlantic	1.25	171	1.26	170	1.22	171	1.23	169	-1.2	1.3
Delaware .....	.82	177	.70	182	.78	179	.72	182	8.8	-1.8
Florida	1.42	185	1.45	179	1.39	190	1.42	186	-2.1	2.1
Georgia	1.42	179	1.45	180	1.35	179	1.42	179	-5.1	-.3
Maryland .....	.95	161	1.08	165	1.03	165	1.11	165	-7.0	.3
North Carolina .....	.73	184	.76	185	.75	182	.75	180	-.9	1.1
South Carolina .....	.99	168	.94	175	.93	170	.92	172	1.1	-1.4
Virginia .....	.77	157	.74	157	.77	156	.75	159	1.9	-2.3
West Virginia	1.56	153	1.52	147	1.53	151	1.49	148	2.6	3.2
East South Central	1.67	144	1.77	144	1.73	143	1.80	143	-3.9	-.1
Alabama	1.11	186	1.29	182	1.22	183	1.24	185	-2.2	-1.4
Kentucky	2.20	118	2.19	121	2.24	118	2.26	119	-1.0	-.5
Mississippi	1.19	175	1.43	162	1.22	173	1.34	164	-8.8	5.7
Tennessee	1.70	123	1.62	138	1.70	124	1.67	136	1.6	-8.7
West South Central .....	.81	155	.81	154	.80	152	.83	150	-3.2	1.3
Arkansas .....	.36	176	.38	160	.37	159	.41	173	-9.8	-8.2
Louisiana .....	.62	177	.59	166	.57	174	.61	170	-7.8	2.5
Oklahoma .....	.50	129	.55	138	.47	127	.54	137	-12.6	-7.3
Texas .....	.97	155	.97	155	1.00	153	.99	146	1.2	4.3
Mountain .....	.54	119	.58	115	.55	116	.58	115	-1.7	.9
Arizona .....	.50	134	.48	154	.48	143	.46	147	8.4	-2.6
Colorado .....	.36	107	.37	105	.38	108	.39	109	-4.4	-2.7
Montana .....	.75	71	.70	64	.77	70	.73	65	4.9	6.8
Nevada .....	.47	143	.48	172	.45	143	.47	158	-4.6	-8.5
New Mexico .....	.87	147	.87	127	.89	145	.88	132	1.6	10.0
Utah .....	.42	139	.44	110	.41	124	.44	114	-7.1	9.4
Wyoming .....	.55	83	.64	87	.61	83	.61	85	.1	-1.3
Pacific .....	.67	133	1.04	162	.65	140	.86	160	-24.2	-12.5
Oregon .....	.39	107	-	-	.36	108	-	-	-	-
Washington .....	.84	148	1.04	162	.79	155	.86	160	-7.1	-2.7
U.S. Total	1.28	148	1.30	148	1.28	147	1.30	146	-2.9	.2

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 9. Quality and Price of Contract Coal Receipts at Electric Utility Plants, May 1991

Census Division and State	May 1991		May 1990		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1991		1990		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.81	180	0.89	183	0.86	183	0.97	178	-11.3	2.6
Connecticut .....	.41	213	.41	217	.42	221	.41	213	2.0	3.7
Massachusetts .....	.93	174	.95	171	.93	175	.99	168	-6.3	4.2
New Hampshire .....	.80	173	1.35	183	1.00	177	1.45	176	-31.2	.6
Mid Atlantic	1.62	159	1.72	156	1.66	161	1.70	157	-2.4	2.3
New Jersey .....	.75	174	.87	176	.86	183	.80	178	7.3	2.7
New York	1.51	164	1.51	157	1.42	165	1.44	163	-1.2	1.4
Pennsylvania	1.71	157	1.82	154	1.75	159	1.83	154	-4.4	2.9
East North Central	1.85	158	1.64	160	1.75	160	1.74	161	.4	-2.6
Illinois	1.89	183	2.06	181	1.93	180	2.01	182	-3.8	-1.2
Indiana	1.90	140	1.93	144	2.01	142	1.95	145	2.9	-2.4
Michigan .....	.60	166	.63	167	.65	172	.64	170	1.0	1.1
Ohio	2.32	160	2.11	166	2.27	162	2.15	165	5.5	-1.9
Wisconsin .....	.98	139	.91	138	.87	143	.89	143	-2.2	.5
West North Central	1.15	127	1.12	119	1.09	118	1.08	118	.9	1.8
Iowa	1.11	133	1.00	130	.78	117	.71	118	9.3	-4
Kansas .....	.42	129	.47	127	.45	130	.46	125	-2.0	3.6
Minnesota .....	.55	137	.56	137	.55	139	.54	135	1.9	2.1
Missouri	2.14	151	1.90	139	1.88	138	2.07	138	-9.2	.3
Nebraska .....	.41	85	.41	79	.40	83	.41	79	-3.4	4.1
North Dakota	1.27	78	1.33	72	1.28	71	1.21	69	6.0	3.3
South Dakota	1.50	113	1.66	112	1.42	114	1.47	119	-3.8	-4.9
South Atlantic	1.26	177	1.25	176	1.24	178	1.24	177	.5	.6
Delaware .....	.72	178	.74	180	.69	181	.73	181	-4.9	.4
Florida	1.32	195	1.32	187	1.33	199	1.35	194	-9	2.7
Georgia	1.57	188	1.51	189	1.52	189	1.45	187	5.3	.7
Maryland	1.01	165	1.13	168	1.07	168	1.12	167	-5.2	.5
North Carolina .....	.73	184	.76	186	.74	184	.75	183	-1.4	.6
South Carolina .....	.99	174	.96	181	.95	177	.92	177	2.5	.2
Virginia .....	.79	161	.76	156	.79	159	.75	157	5.4	1.8
West Virginia	1.56	158	1.59	158	1.55	156	1.58	157	-1.7	-9
East South Central	1.72	148	1.88	151	1.79	148	1.88	151	-5.1	-3.1
Alabama	1.14	197	1.12	200	1.20	195	1.08	203	11.3	-4.2
Kentucky	2.32	120	2.57	122	2.40	119	2.65	120	-9.2	-9
Mississippi	1.17	176	1.06	170	1.20	174	1.12	170	6.7	2.5
Tennessee	1.72	123	1.67	143	1.73	124	1.73	139	-2	-10.9
West South Central .....	.83	156	.83	155	.82	153	.84	151	-2.6	1.4
Arkansas .....	.36	176	.38	160	.37	159	.41	173	-9.8	-8.2
Louisiana .....	.62	177	.59	166	.57	174	.61	170	-7.6	2.5
Oklahoma .....	.51	131	.54	140	.48	131	.51	140	-5.7	-6.2
Texas .....	.99	155	.98	155	1.02	153	1.01	147	.6	4.1
Mountain .....	.55	121	.57	118	.56	118	.56	117	-1.4	1.4
Arizona .....	.50	134	.48	154	.49	142	.46	147	8.3	-3.1
Colorado .....	.36	109	.37	105	.37	109	.39	110	-4.6	-2
Montana .....	.75	71	.70	64	.77	70	.73	65	4.9	6.6
Nevada .....	.47	143	.48	172	.45	143	.47	156	-4.6	-8.5
New Mexico .....	.87	147	.87	127	.89	145	.88	132	1.6	10.0
Utah .....	.42	146	.44	111	.41	127	.44	115	-6.2	10.4
Wyoming .....	.56	86	.68	93	.62	87	.63	88	-1.6	-4
Pacific .....	.84	148	1.07	164	.70	145	.94	165	-25.3	-11.8
Oregon	-	-	-	-	.37	109	-	-	-	-
Washington .....	.84	148	1.07	164	.79	155	.94	165	-15.3	-5.6
U.S. Total	1.28	153	1.29	152	1.28	151	1.29	150	-1.2	.4

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 10. Quality and Price of Spot Coal Receipts at Electric Utility Plants, May 1991

Census Division and State	May 1991		May 1990		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1991		1990		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.67	175	0.90	183	0.86	173	0.91	182	-5.7	-5.2
Connecticut	-	-	.40	193	.41	177	.43	198	-3.4	-10.6
Massachusetts .....	.71	173	1.00	181	.81	171	.94	180	-13.9	-4.6
New Hampshire .....	.49	181	.81	189	1.11	175	.99	187	12.5	-6.1
Mid Atlantic	1.38	130	1.45	144	1.38	135	1.42	146	-2.8	-7.8
New Jersey .....	.63	169	.62	183	.89	177	.81	188	10.6	-6.1
New York	1.23	156	1.39	162	1.29	158	1.41	158	-8.5	-.3
Pennsylvania	1.49	111	1.49	137	1.44	122	1.44	141	.1	-12.9
East North Central	1.35	121	1.49	131	1.45	122	1.56	127	-7.4	-4.0
Illinois	1.09	126	1.35	135	1.25	133	1.65	133	-24.4	-.1
Indiana	1.50	123	1.65	120	1.62	123	1.76	120	-8.0	2.1
Michigan .....	.79	125	.61	146	.66	130	.77	155	-13.8	-16.5
Ohio	1.81	114	1.96	131	1.86	117	1.86	123	.3	-4.9
Wisconsin .....	.87	129	.79	129	.82	119	.61	116	.9	2.8
West North Central .....	.85	96	1.18	105	.97	104	1.20	108	-19.6	-3.6
Iowa .....	.46	81	.75	93	.51	89	.65	91	-22.2	-3.0
Kansas	1.11	105	2.13	131	1.18	105	2.30	124	-48.5	-15.4
Minnesota .....	.61	117	1.53	154	.59	127	.79	111	-25.5	14.8
Missouri	1.28	121	1.62	121	1.39	133	1.52	124	-8.2	6.8
Nebraska .....	.46	64	.49	68	.43	64	.47	68	-7.7	-5.3
North Dakota	-	-	-	-	1.14	41	-	-	-	-
South Atlantic	1.23	140	1.32	148	1.10	143	1.21	146	-9.6	-2.2
Delaware	1.12	177	.52	194	1.05	171	.70	188	51.1	-8.0
Florida	1.83	144	1.90	152	1.64	150	1.72	153	-5.1	-2.2
Georgia .....	.92	147	1.30	158	.80	149	1.34	157	-40.3	-4.9
Maryland .....	.77	147	.94	161	.91	154	1.09	180	-16.7	-3.9
North Carolina	-	-	.83	145	.86	138	.77	160	12.3	-14.1
South Carolina .....	.99	144	.88	158	.88	146	.91	157	-3.3	-7.1
Virginia .....	.70	138	.59	159	.72	146	.77	166	-6.7	-12.2
West Virginia	1.57	110	1.30	115	1.39	113	1.26	115	10.5	-1.5
East South Central	1.36	121	1.50	123	1.40	123	1.57	121	-10.5	1.7
Alabama .....	.95	137	1.87	125	1.29	133	1.80	125	-28.7	6.7
Kentucky	1.70	110	1.21	119	1.50	112	1.48	115	1.4	-2.7
Mississippi	1.88	144	2.19	146	1.68	149	1.90	148	-11.7	.7
Tennessee .....	.94	93	1.45	123	1.41	122	1.46	123	-3.3	-.2
West South Central .....	.42	126	.47	130	.41	118	.58	126	-30.3	-6.0
Oklahoma .....	.45	108	.57	120	.41	107	.71	121	-41.8	-11.4
Texas .....	.40	140	.41	136	.40	135	.48	130	-17.6	4.5
Mountain .....	.42	89	.46	83	.45	90	.46	88	-.8	1.8
Arizona	-	-	-	-	.50	161	-	-	-	-
Colorado .....	.36	98	.37	105	.38	92	.39	105	-3.3	-12.5
Utah .....	.42	108	.44	100	.42	107	.48	105	-12.7	1.9
Wyoming .....	.51	58	.51	65	.54	60	.47	65	14.5	-7.6
Pacific .....	.39	107	.54	125	.34	108	.32	128	8.2	-15.8
Oregon .....	.39	107	-	-	.34	108	-	-	-	-
Washington	-	-	.54	125	-	-	.32	128	-	-
U.S. Total	1.16	122	1.32	131	1.18	124	1.34	131	-11.7	-4.9

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 11. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, May 1991

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	409	271	717	194	273	168	1,400	212	1.05	-0.7	5.6	-4.3
Arizona	1,083	108	-	-	-	-	1,083	108	.48	77.4	-11.2	7.1
Colorado	1,300	141	1	85	-	-	1,301	141	.38	-6.2	-1.3	4.3
Illinois	-	-	1,052	154	3,516	162	4,568	160	2.38	-3.5	.5	-1.8
Indiana	64	153	262	128	1,960	132	2,287	132	2.22	-12.2	1.7	-1.8
Iowa	-	-	-	-	7	179	7	179	3.18	.0	12.4	-10.8
Kansas	-	-	-	-	41	140	41	140	2.77	-29.3	18.7	7.3
Kentucky	1,277	169	4,748	184	3,136	126	9,161	152	1.48	-16.2	-2.0	-1.5
Louisiana	-	-	177	134	-	-	177	134	1.07	-44.5	1.8	30.5
Maryland	-	-	265	140	-	-	265	140	1.22	18.1	-14.3	2.3
Missouri	-	-	-	-	136	218	136	218	4.04	-26.0	21.0	2.6
Montana	1,868	182	1,488	119	-	-	3,356	156	.53	16.6	3.2	-3.0
New Mexico	514	153	1,321	154	-	-	1,835	154	.72	-13.1	4.0	-3.3
North Dakota	-	-	1,303	88	207	58	1,510	83	1.30	-20.8	10.6	-4.2
Ohio	-	-	47	139	2,534	150	2,581	149	2.09	4.5	-1.9	6.2
Oklahoma	-	-	27	147	13	116	40	137	1.81	-46.9	-2	30.0
Pennsylvania	124	160	2,829	155	1,146	145	4,098	152	1.49	-8.0	-1.0	1.2
Tennessee	1	116	269	129	41	116	311	128	1.01	-34.5	-16.6	-11.4
Texas	-	-	3,061	123	867	120	3,928	123	1.57	4.0	4.1	3.5
Utah	1,076	138	9	178	-	-	1,084	139	.42	-24.2	22.0	-5.2
Virginia	307	184	973	166	-	-	1,280	170	.91	-5.7	.2	7.6
Washington	-	-	370	148	-	-	370	148	.84	-7.7	-10.1	-22.0
West Virginia	2,091	170	3,317	163	1,939	144	7,347	160	1.24	2.6	1.4	-4.6
Wyoming	13,632	136	799	105	-	-	14,631	135	.42	5.3	-5	-5.6
Imported	108	155	98	165	-	-	206	160	.51	140.0	-10.1	-20.7
U.S. Total	24,058	149	23,133	151	15,816	143	63,005	148	1.26	-3.0	.3	-2.9

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-May 1991

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	1,843	269	3,610	188	1,438	168	6,891	206	1.08	-0.2	1.0	-2.5
Arizona	5,306	108	-	-	-	-	5,306	108	.45	23.6	-1.2	-1.7
Colorado	6,647	138	13	93	-	-	6,660	138	.38	-.6	-6.5	-2.8
Illinois	-	-	4,608	157	17,548	161	22,154	160	2.41	-3.0	.9	-.5
Indiana	297	152	1,008	135	9,303	131	10,607	132	2.30	-20.3	2.2	1.6
Iowa	-	-	-	-	34	181	34	181	3.20	63.8	12.8	-8.4
Kansas	-	-	-	-	184	134	184	134	2.82	-43.7	11.3	9.4
Kentucky	6,590	172	23,911	166	15,968	125	46,470	154	1.48	-14.9	-.7	-2.1
Louisiana	-	-	1,101	140	-	-	1,101	140	.97	-14.3	2.8	20.7
Maryland	-	-	1,276	143	13	124	1,289	143	1.21	13.5	-8.1	-3.6
Missouri	-	-	-	-	753	194	753	194	3.91	-27.2	33.6	-1.5
Montana	4,711	200	8,470	110	-	-	13,181	145	.81	1.6	5.0	-2.3
New Mexico	2,114	184	6,074	152	-	-	8,188	161	.75	-14.0	6.1	2.1
North Dakota	-	-	8,107	79	1,860	57	9,967	75	1.29	3.0	2.8	5.1
Ohio	7	157	195	138	11,925	147	12,128	146	2.97	-7.5	-2.1	4.8
Oklahoma	18	145	130	145	15	118	161	143	1.22	-65.2	4.6	-21.8
Pennsylvania	699	159	14,112	157	4,720	149	19,532	155	1.46	-11.2	.9	.1
Tennessee	12	144	1,132	132	303	120	1,447	130	1.19	-32.7	-14.1	4.6
Texas	-	-	12,823	125	5,822	114	18,645	121	1.67	-2.6	12.5	7.6
Utah	6,268	126	92	146	-	-	6,360	126	.42	-6.0	8.5	-6.1
Virginia	1,456	188	5,181	165	-	-	6,637	171	.88	-8.0	-.1	2.8
Washington	-	-	1,892	155	-	-	1,892	155	.79	-6.0	-5.5	-15.2
West Virginia	9,850	171	14,886	163	10,151	146	34,887	160	1.29	-6.7	2.2	-1.6
Wyoming	71,223	135	5,048	102	107	122	76,378	132	.44	7.8	-1.6	-1.9
Imported	413	152	438	169	-	-	851	160	.58	39.8	-10.2	-6.9
U.S. Total	117,451	147	114,107	150	80,146	142	311,704	147	1.26	-4.5	.2	-2.9

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,
January-May 1991**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Alabama	10,016	9,175	80.5	76.1	1.22	1.24	183	185
Alabama	6,870	6,780	85.8	95.3	1.06	1.08	207	205
Illinois	393	269	80.5	-	1.71	2.13	123	108
Indiana	-	439	-	-	-	2.01	-	117
Kentucky	1,623	911	67.6	28.4	1.84	2.07	129	130
Ohio	158	216	100.0	100.0	1.72	1.92	118	119
Tennessee	467	340	45.7	13.3	1.03	.68	131	124
West Virginia	499	4	78.4	-	.98	.51	142	151
Wyoming	-	216	-	-	-	.44	-	170
Arizona	6,669	6,495	96.0	100.0	.49	.46	143	147
Arizona	3,099	2,791	100.0	100.0	.45	.44	103	100
Colorado	270	467	100.0	100.0	.34	.31	172	175
New Mexico	3,300	3,237	93.5	100.0	.56	.50	183	187
Arkansas	5,375	4,064	100.0	100.0	.37	.41	159	173
Wyoming	5,375	4,064	100.0	100.0	.37	.41	159	173
Colorado	6,601	6,371	83.3	90.4	.38	.39	106	109
Colorado	4,230	4,307	74.0	85.7	.38	.39	105	110
Wyoming	2,370	2,064	100.0	100.0	.36	.40	109	106
Connecticut	375	460	93.1	88.9	.42	.41	218	211
Kentucky	375	460	93.1	88.9	.42	.41	218	211
Delaware	839	965	74.9	71.3	.78	.72	179	182
Kentucky	52	96	100.0	17.3	.65	.51	174	194
Maryland	-	21	-	100.0	-	1.11	-	141
Pennsylvania	227	148	26.8	51.3	1.14	1.08	169	167
Virginia	53	144	72.5	34.1	.94	.82	203	194
West Virginia	506	556	94.2	94.5	.62	.67	181	183
Florida	10,211	10,320	80.9	80.0	1.39	1.42	190	186
Illinois	1,804	1,738	99.4	100.0	2.41	2.40	216	208
Indiana	108	206	-	-	2.72	2.85	112	109
Kentucky	5,978	6,693	80.7	74.3	1.24	1.29	185	180
Ohio	240	-	-	-	2.98	-	164	-
Pennsylvania	3	-	-	-	1.12	-	128	-
Tennessee	76	56	100.0	100.0	.95	.83	218	220
Virginia	377	351	89.1	100.0	.67	.58	231	253
West Virginia	890	887	89.8	84.5	.88	1.00	196	181
Imported coal Colombia	693	389	63.2	100.0	.61	.65	160	177
Imported coal Venezuela	42	-	-	-	.43	-	127	-
Georgia	10,506	11,148	73.6	73.7	1.35	1.42	179	179
Alabama	15	125	-	-	2.00	1.59	140	156
Illinois	2,074	2,184	100.0	93.7	2.56	2.50	207	195
Kentucky	5,131	5,915	77.3	69.3	1.26	1.30	164	168
Tennessee	39	794	-	53.2	1.54	1.07	152	187
Virginia	1,272	1,239	86.6	84.0	1.02	1.07	183	177
West Virginia	804	616	74.2	98.5	.53	.58	232	244
Wyoming	1,171	275	-	-	.41	.37	153	160
Illinois	11,570	11,190	86.3	86.2	1.84	1.96	174	175
Colorado	264	-	-	-	.39	-	145	-
Illinois	6,649	6,625	93.2	91.8	2.71	2.72	142	147
Indiana	776	960	58.2	68.8	1.36	1.82	134	122
Kentucky	682	928	72.2	37.9	.63	.89	164	153
Montana	1,509	1,120	100.0	100.0	.35	.41	278	291
New Mexico	-	33	-	-	-	.42	-	171
Tennessee	10	-	100.0	-	.59	-	149	-
West Virginia	278	41	30.6	56.2	.57	.53	151	170
Wyoming	1,423	1,483	89.7	95.2	.41	.42	278	287
Indiana	17,787	20,830	84.1	83.6	1.95	1.92	139	141
Colorado	377	325	-	100.0	.39	.39	169	300
Illinois	3,473	4,330	89.5	86.6	2.46	2.38	164	159
Indiana	7,510	8,700	83.7	83.1	2.43	2.40	128	128
Kentucky	1,828	2,139	94.0	86.3	2.42	2.32	132	138
Montana	237	388	100.0	64.2	.35	.39	281	241
Ohio	18	32	-	-	2.15	2.11	138	123
West Virginia	11	204	-	76.8	.50	.55	170	211
Wyoming	4,336	4,710	83.5	81.9	.40	.39	129	129
Iowa	6,400	6,277	80.0	72.1	.72	.89	112	110
Illinois	475	407	98.1	85.0	2.39	2.56	185	183
Indiana	274	232	84.7	51.4	2.24	2.17	139	138
Iowa	34	21	100.0	100.0	3.20	3.50	181	181
Kentucky	-	2	-	-	-	2.23	-	160
Wyoming	5,617	5,618	78.1	71.9	.42	.43	101	104

See footnotes at end of table.

Table 13. Destination of Coal Received at Electric Utility Plants by Origin,
January-May 1991 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Kansas	5,065	6,750	84.9	89.2	0.57	0.70	126	125
Colorado	-	95	-	100.0	-	.31	-	117
Illinois	334	535	35.0	19.3	2.31	2.70	170	145
Kansas	48	156	21.8	-	2.44	2.47	123	121
Wyoming	4,683	5,964	89.1	97.7	.38	.41	122	123
Kentucky	12,622	15,647	82.4	67.8	2.24	2.26	118	119
Illinois	-	91	-	88.6	-	1.59	-	135
Indiana	1,032	1,107	74.6	60.7	2.34	2.39	107	110
Kentucky	9,288	12,535	83.9	71.3	2.52	2.47	117	118
Ohio	108	134	44.3	54.9	2.81	2.34	130	147
Pennsylvania	-	11	-	-	-	2.03	-	107
Tennessee	267	229	96.1	81.2	1.82	2.10	116	121
Virginia	-	60	-	100.0	-	.58	-	158
West Virginia	1,421	1,430	72.3	39.2	.69	.62	131	128
Wyoming	506	50	100.0	78.0	1.42	.36	124	125
Louisiana	4,518	4,121	100.0	100.0	.57	.61	174	170
Louisiana	1,101	1,284	100.0	100.0	.97	.81	140	138
West Virginia	85	114	100.0	100.0	.45	.53	170	205
Wyoming	3,331	2,723	100.0	100.0	.46	.54	183	180
Maryland	3,467	4,279	79.8	65.2	1.03	1.11	165	165
Kentucky	138	252	89.9	67.5	.52	.56	158	163
Maryland	540	677	65.0	48.2	1.12	1.22	173	171
Ohio	7	-	-	-	1.57	-	187	-
Pennsylvania	884	1,022	99.2	95.1	1.44	1.49	182	182
West Virginia	1,898	2,328	74.5	56.6	.86	.98	156	158
Massachusetts	1,683	1,868	80.9	70.7	.90	.97	174	171
Maryland	-	40	-	-	-	.75	-	185
Pennsylvania	181	486	-	34.3	1.08	1.11	173	173
Virginia	529	580	77.1	100.0	.80	.95	176	171
West Virginia	970	628	95.9	91.3	.94	1.00	173	187
Imported coal Colombia	-	64	-	-	-	.61	-	179
Imported coal Venezuela	24	70	100.0	-	.57	.48	168	181
Michigan	9,950	9,094	83.2	79.9	.65	.67	165	167
Indiana	36	88	100.0	100.0	2.34	2.43	182	165
Kentucky	2,623	2,744	88.7	70.3	.77	.72	180	181
Montana	2,855	2,509	98.4	100.0	.38	.37	157	154
Ohio	16	29	100.0	100.0	2.34	2.96	218	209
Pennsylvania	678	744	78.9	75.5	1.24	1.08	153	159
Virginia	-	113	-	100.0	-	1.09	-	188
West Virginia	2,657	2,330	88.9	74.3	.65	.67	175	170
Wyoming	1,085	537	23.2	58.6	.36	.28	113	109
Minnesota	6,507	7,267	97.7	82.2	.55	.58	138	133
Illinois	16	19	100.0	100.0	1.82	1.25	161	192
Indiana	24	14	-	-	1.65	1.72	155	165
Kentucky	-	3	-	-	-	.68	-	212
Montana	3,586	4,123	98.7	87.5	.73	.75	143	138
North Dakota	-	1	-	100.0	-	.87	-	174
Wyoming	2,881	3,107	99.7	98.9	.30	.28	131	128
Mississippi	1,430	1,639	94.4	71.0	1.22	1.34	173	164
Illinois	533	463	95.7	90.0	2.13	2.02	151	150
Indiana	-	9	-	-	-	4.51	-	128
Kentucky	874	1,187	96.1	64.0	.70	1.05	186	170
Montana	23	-	-	-	.31	-	175	-
Missouri	10,835	10,352	79.0	78.7	1.78	1.98	137	135
Colorado	179	56	100.0	100.0	.40	.40	160	159
Illinois	5,240	5,337	82.9	83.6	2.20	2.19	151	151
Indiana	31	62	-	100.0	3.11	2.92	155	122
Kansas	136	172	8.0	-	2.96	2.87	137	119
Kentucky	424	514	95.7	100.0	2.59	2.56	127	123
Missouri	753	1,035	99.8	98.3	3.91	3.97	194	145
New Mexico	-	18	-	-	-	.34	-	135
Ohio	-	24	-	-	-	2.10	-	171
Oklahoma	-	36	-	-	-	3.64	-	138
Wyoming	3,872	3,097	70.1	64.6	.43	.42	99	97
Montana	4,216	4,083	100.0	100.0	.77	.73	78	65
Montana	4,216	4,083	100.0	100.0	.77	.73	70	65
Nebraska	3,536	3,517	84.5	76.5	.41	.43	78	77
Wyoming	3,536	3,517	84.5	76.5	.41	.43	78	77

See footnotes at end of table.

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,
January-May 1991 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Nevada	3,571	3,082	100.0	100.0	0.45	0.47	143	156
Arizona	2,207	1,502	100.0	100.0	.46	.49	118	127
Utah	1,179	1,282	100.0	100.0	.45	.47	184	180
Wyoming	185	298	100.0	100.0	.42	.42	196	203
New Hampshire	553	534	80.6	78.1	1.02	1.35	177	178
Kentucky	-	17	-	-	-	.08	-	201
Pennsylvania	324	60	100.0	100.0	1.08	1.02	179	180
West Virginia	137	371	21.8	82.2	1.26	1.59	174	176
Imported coal Canada	-	34	-	-	-	.97	-	181
Imported coal Venezuela	91	52	100.0	100.0	.41	.40	173	183
New Jersey	992	1,386	90.2	90.0	.86	.80	182	179
Kentucky	8	31	-	-	.63	.62	169	190
Ohio	-	14	-	-	-	1.66	-	203
Pennsylvania	-	25	-	-	-	.97	-	189
Virginia	377	627	99.3	100.0	.58	.58	178	177
West Virginia	606	689	85.8	90.0	1.06	1.00	185	179
New Mexico	4,842	6,187	100.0	100.0	.89	.88	145	132
New Mexico	4,842	6,187	100.0	100.0	.89	.88	145	132
New York	3,747	4,561	69.7	65.1	1.38	1.43	163	161
Kentucky	301	202	91.7	100.0	.42	.38	210	208
Maryland	7	11	-	-	1.64	1.35	154	188
Ohio	-	30	-	-	-	1.55	-	161
Pennsylvania	1,977	2,406	51.7	44.2	1.39	1.44	155	155
West Virginia	1,453	1,911	90.3	89.2	1.58	1.53	164	164
Wyoming	9	-	-	-	.43	-	191	-
North Carolina	6,917	8,447	94.8	85.5	.75	.75	182	180
Kentucky	3,106	4,271	96.5	83.3	.75	.78	188	185
Virginia	1,574	1,831	99.9	98.4	.86	.83	173	168
West Virginia	2,237	2,344	88.8	81.0	.65	.64	179	179
North Dakota	8,898	8,918	96.8	100.0	1.28	1.21	70	69
North Dakota	8,898	8,918	96.8	100.0	1.28	1.21	70	69
Ohio	20,665	21,845	72.8	67.7	2.16	2.06	150	151
Illinois	-	24	-	-	-	2.57	-	117
Indiana	-	41	-	-	-	2.97	-	109
Kentucky	3,515	4,152	64.7	46.9	.94	1.01	157	156
Ohio	10,471	10,897	75.6	71.1	2.96	2.78	149	154
Pennsylvania	1,272	1,326	56.3	54.6	1.63	1.73	141	138
Virginia	10	-	-	-	.65	-	144	-
West Virginia	5,396	5,405	76.7	81.1	1.57	1.50	149	148
Oklahoma	6,713	6,369	83.8	87.7	.47	.54	127	137
Oklahoma	161	425	90.0	24.9	1.22	1.39	143	136
Wyoming	6,552	5,943	83.7	92.2	.44	.45	127	137
Oregon	907	-	56.1	-	.36	-	108	-
Wyoming	907	-	56.1	-	.36	-	108	-
Pennsylvania	17,287	19,794	85.8	76.0	1.71	1.74	154	151
Kentucky	15	-	100.0	-	1.06	-	177	-
Ohio	801	1,015	99.9	98.0	3.26	3.35	159	152
Pennsylvania	12,919	14,877	81.7	69.4	1.48	1.48	155	152
West Virginia	3,751	3,901	97.7	95.4	2.22	2.31	150	146
South Carolina	3,570	3,662	76.6	76.9	.93	.92	170	172
Kentucky	3,138	3,121	74.5	77.8	.91	.91	170	174
Tennessee	-	112	-	-	-	1.18	-	164
Virginia	376	421	94.3	91.3	1.14	.92	162	160
West Virginia	56	8	76.4	40.5	.78	.76	179	178
South Dakota	1,069	755	100.0	100.0	1.42	1.47	114	119
North Dakota	1,069	755	100.0	100.0	1.42	1.47	114	119
Tennessee	8,088	8,929	91.3	79.1	1.70	1.67	124	136
Illinois	908	330	43.8	50.7	1.74	1.94	126	113
Indiana	-	704	-	-	-	1.75	-	123
Kentucky	6,017	6,799	98.2	87.7	1.80	1.73	123	140
Tennessee	587	619	86.0	74.4	1.06	1.14	122	121
Virginia	575	477	100.0	100.0	1.30	1.39	129	130
Texas	33,805	33,168	98.0	96.7	1.00	.99	153	146
Colorado	681	793	79.9	66.9	.35	.35	221	205
Texas	18,645	19,146	100.0	89.6	1.67	1.55	121	108
Wyoming	14,479	13,229	96.2	94.2	.42	.45	178	183
Utah	5,839	6,141	87.6	87.5	.41	.44	124	114
Colorado	659	656	100.0	100.0	.42	.53	222	227
Utah	5,180	5,485	86.0	86.0	.41	.43	113	101

See footnotes at end of table.

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,
January-May 1991 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Virginia	3,307	3,179	72.4	70.3	0.77	0.75	156	159
Kentucky	938	1,142	68.1	53.5	.79	.82	155	160
Virginia	1,453	1,367	80.1	85.9	.74	.70	155	159
West Virginia	916	670	66.7	67.0	.80	.77	157	158
Washington	1,892	2,295	100.0	87.4	.79	.86	155	160
Washington	1,892	2,013	100.0	99.6	.79	.94	155	164
Wyoming	-	282	-	-	-	.31	-	128
West Virginia	12,138	14,682	87.3	73.1	1.53	1.49	151	146
Kentucky	245	432	86.5	82.0	.70	.89	199	173
Maryland	742	386	83.4	54.9	1.27	1.39	119	124
Ohio	508	724	95.8	59.0	3.31	3.25	96	95
Pennsylvania	330	242	84.5	13.9	1.73	1.57	119	118
West Virginia	10,314	12,897	87.2	75.3	1.48	1.42	155	149
Wisconsin	7,694	7,291	74.3	76.2	.80	.82	137	137
Illinois	256	491	84.4	78.7	1.47	1.73	153	144
Indiana	818	747	83.1	97.8	1.84	1.74	187	180
Kentucky	194	67	-	-	.83	.62	152	185
Montana	755	749	89.6	86.3	.76	.74	165	163
New Mexico	46	43	-	-	.44	.39	181	174
Pennsylvania	756	647	98.4	100.0	1.35	1.27	156	154
Virginia	41	-	-	-	.56	-	171	-
West Virginia	-	51	-	-	-	1.49	-	162
Wyoming	4,829	4,496	70.4	69.9	.41	.41	114	114
Wyoming	9,231	9,176	85.0	85.0	.61	.61	83	85
Wyoming	9,231	9,176	85.0	85.0	.61	.61	83	85
U.S. Total	311,704	326,315	86.0	82.5	1.26	1.30	147	146

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,
January-May 1991**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Alabama	6,891	6,904	85.4	93.8	1.06	1.09	206	204
Alabama	6,876	6,780	85.6	95.3	1.06	1.08	207	205
Georgia	15	125	-	-	2.00	1.59	140	156
Arizona	5,306	4,293	100.0	100.0	.45	.46	109	110
Arizona	3,099	2,791	100.0	100.0	.45	.44	103	100
Nevada	2,207	1,502	100.0	100.0	.46	.49	116	127
Colorado	6,660	6,700	71.8	86.9	.38	.39	138	143
Arizona	270	467	100.0	100.0	.34	.31	172	175
Colorado	4,230	4,307	74.0	85.7	.38	.39	105	110
Illinois	264	-	-	-	.39	-	145	-
Indiana	377	325	-	100.0	.39	.39	169	300
Kansas	-	95	-	100.0	-	.31	-	117
Missouri	179	56	100.0	100.0	.40	.40	160	159
Texas	681	793	79.9	66.9	.35	.35	221	205
Utah	659	656	100.0	100.0	.42	.53	222	227
Illinois	22,154	22,843	88.2	85.8	2.41	2.42	160	159
Alabama	393	269	80.5	-	1.71	2.13	123	109
Florida	1,804	1,738	99.4	100.0	2.41	2.40	216	208
Georgia	2,074	2,184	100.0	93.7	2.56	2.50	207	195
Illinois	6,649	6,625	93.2	91.8	2.71	2.72	142	147
Indiana	3,473	4,330	89.5	86.6	2.46	2.38	164	159
Iowa	475	407	98.1	85.0	2.39	2.56	165	163
Kansas	334	535	35.0	18.3	2.31	2.70	170	145
Kentucky	-	91	-	89.6	-	1.59	-	135
Minnesota	16	19	100.0	100.0	1.62	1.25	161	192
Mississippi	533	463	95.7	90.0	2.13	2.02	151	150
Missouri	5,240	5,337	82.9	83.6	2.20	2.19	151	151
Ohio	-	24	-	-	-	2.57	-	117
Tennessee	909	330	43.8	50.7	1.74	1.94	126	113
Wisconsin	256	491	84.4	78.7	1.47	1.73	153	144
Indiana	10,607	13,310	79.5	71.8	2.30	2.26	132	129
Alabama	-	439	-	-	-	2.01	-	117
Florida	108	206	-	-	2.72	2.85	112	109
Illinois	776	960	56.2	68.8	1.36	1.62	134	122
Indiana	7,510	8,700	83.7	83.1	2.43	2.40	128	128
Iowa	274	232	84.7	51.4	2.24	2.17	139	138
Kentucky	1,032	1,107	74.6	60.7	2.34	2.39	107	110
Michigan	36	88	100.0	100.0	2.34	2.43	162	165
Minnesota	24	14	-	-	1.65	1.72	155	165
Mississippi	-	9	-	-	-	4.51	-	128
Missouri	31	62	-	100.0	3.11	2.92	155	122
Ohio	-	41	-	-	-	2.97	-	109
Tennessee	-	704	-	-	-	1.75	-	123
Wisconsin	818	747	83.1	97.8	1.84	1.74	187	190
Iowa	34	21	100.0	100.0	3.20	3.50	161	161
Iowa	34	21	100.0	100.0	3.20	3.50	161	161
Kansas	184	328	12.3	-	2.82	2.57	134	120
Kansas	48	156	21.8	-	2.44	2.47	123	121
Missouri	136	172	9.0	-	2.98	2.07	137	119
Kentucky	46,470	54,593	83.1	72.0	1.48	1.51	154	155
Alabama	1,623	911	67.6	28.4	1.84	2.07	129	130
Connecticut	375	460	93.1	88.9	.42	.41	218	211
Delaware	52	98	100.0	17.3	.65	.51	174	194
Florida	5,978	6,693	80.7	74.3	1.24	1.29	165	180
Georgia	5,131	5,915	77.3	69.3	1.26	1.30	164	168
Illinois	662	928	72.2	37.9	.63	.89	164	153
Indiana	1,826	2,139	94.0	86.3	2.42	2.32	132	138
Iowa	-	2	-	-	-	2.23	-	160
Kentucky	9,288	12,535	83.9	71.3	2.52	2.47	117	110
Maryland	138	252	89.9	67.5	.52	.56	156	163
Michigan	2,623	2,744	88.7	70.3	.77	.72	180	181
Minnesota	-	3	-	-	-	.68	-	212
Mississippi	874	1,167	96.1	84.0	.70	1.05	188	170
Missouri	424	514	95.7	100.0	2.59	2.56	127	123
New Hampshire	-	17	-	-	-	.68	-	201
New Jersey	8	31	-	-	.63	.62	169	190
New York	301	202	91.7	100.0	.42	.38	210	209
North Carolina	3,106	4,271	96.5	83.3	.75	.78	188	185
Ohio	3,515	4,152	64.7	46.9	.94	1.01	157	156

See footnotes at end of table.

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,
January-May 1991 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Kentucky								
Pennsylvania	15	-	100.0	-	1.06	-	177	-
South Carolina	3,138	3,121	74.5	77.8	.91	0.91	170	174
Tennessee	6,017	6,799	98.2	87.7	1.80	1.73	123	140
Virginia	938	1,142	66.1	53.5	.79	.82	155	160
West Virginia	245	432	86.5	82.0	.70	.89	199	173
Wisconsin	194	67	-	-	.83	.62	152	185
Louisiana	1,101	1,284	100.0	100.0	.97	.81	140	136
Louisiana	1,101	1,284	100.0	100.0	.97	.81	140	136
Maryland	1,289	1,136	75.2	49.9	1.21	1.25	143	155
Delaware	-	21	-	100.0	-	1.11	-	141
Maryland	540	677	65.0	49.2	1.12	1.22	173	171
Massachusetts	-	40	-	-	-	.75	-	185
New York	7	11	-	-	1.64	1.35	154	188
West Virginia	742	386	83.4	54.9	1.27	1.39	119	124
Missouri	753	1,035	99.8	98.3	3.91	3.97	194	145
Missouri	753	1,035	99.8	98.3	3.91	3.97	194	145
Montana	13,181	12,972	97.6	94.2	.61	.62	145	138
Illinois	1,509	1,120	100.0	100.0	.35	.41	278	291
Indiana	237	388	100.0	64.2	.35	.39	281	241
Michigan	2,855	2,509	96.4	100.0	.38	.37	157	154
Minnesota	3,586	4,123	96.7	87.5	.73	.75	143	136
Mississippi	23	-	-	-	.31	-	175	-
Montana	4,216	4,083	100.0	100.0	.77	.73	70	65
Wisconsin	755	749	89.6	86.3	.76	.74	165	163
New Mexico	8,188	9,519	96.8	99.0	.75	.74	161	152
Arizona	3,300	3,237	93.5	100.0	.56	.50	183	187
Illinois	-	33	-	-	-	.42	-	171
Missouri	-	18	-	-	-	.34	-	135
New Mexico	4,842	6,187	100.0	100.0	.89	.88	145	132
Wisconsin	46	43	-	-	.44	.39	181	174
North Dakota	9,967	9,674	97.2	100.0	1.29	1.23	75	73
Minnesota	-	1	-	100.0	-	.87	-	174
North Dakota	8,898	8,918	96.8	100.0	1.28	1.21	70	69
South Dakota	1,069	755	100.0	100.0	1.42	1.47	114	119
Ohio	12,128	13,116	76.1	72.3	2.97	2.83	146	150
Alabama	158	216	100.0	100.0	1.72	1.92	118	119
Florida	240	-	-	-	2.98	-	164	-
Indiana	18	32	-	-	2.15	2.11	138	123
Kentucky	108	134	44.3	54.9	2.61	2.34	130	147
Maryland	7	-	-	-	1.57	-	167	-
Michigan	16	29	100.0	100.0	2.34	2.96	216	209
Missouri	-	24	-	-	-	2.10	-	171
New Jersey	-	14	-	-	-	1.66	-	203
New York	-	30	-	-	-	1.55	-	161
Ohio	10,471	10,897	75.6	71.1	2.96	2.78	148	154
Pennsylvania	601	1,015	99.9	98.0	3.26	3.35	159	152
West Virginia	508	724	95.8	59.0	3.31	3.25	96	95
Oklahoma	161	462	90.0	30.8	1.22	1.56	143	136
Missouri	-	36	-	100.0	-	3.64	-	138
Oklahoma	161	425	90.0	24.9	1.22	1.39	143	136
Pennsylvania	19,532	21,995	77.4	66.5	1.46	1.46	155	154
Delaware	227	148	26.8	51.3	1.14	1.08	169	167
Florida	3	-	-	-	1.12	-	128	-
Kentucky	-	11	-	-	-	2.03	-	107
Maryland	884	1,022	99.2	95.1	1.44	1.49	182	182
Massachusetts	161	486	-	34.3	1.06	1.11	173	173
Michigan	678	744	78.9	75.5	1.24	1.08	153	159
New Hampshire	324	60	100.0	100.0	1.08	1.02	179	180
New Jersey	-	25	-	-	-	.97	-	189
New York	1,977	2,406	51.7	44.2	1.39	1.44	155	155
Ohio	1,272	1,326	58.3	54.6	1.63	1.73	141	136
Pennsylvania	12,919	14,877	81.7	69.4	1.48	1.48	155	152
West Virginia	330	242	84.5	13.9	1.73	1.57	119	118
Wisconsin	756	647	98.4	100.0	1.35	1.27	156	154
Tennessee	1,447	2,150	73.4	54.4	1.19	1.14	130	151
Alabama	467	340	45.7	13.3	1.03	.68	131	124
Florida	76	56	100.0	100.0	.95	.83	218	220
Georgia	39	794	-	53.2	1.54	1.07	152	187

See footnotes at end of table.

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,
January-May 1991 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Tennessee								
Illinois	10	-	100.0	-	0.59	-	149	-
Kentucky	267	229	96.1	81.2	1.02	2.10	116	121
South Carolina	-	112	-	-	-	1.18	-	164
Tennessee	587	619	86.0	74.4	1.06	1.14	122	121
Texas	18,645	19,146	100.0	99.6	1.67	1.55	121	108
Texas	18,645	19,146	100.0	99.6	1.67	1.55	121	108
Utah	6,360	6,767	88.6	88.7	.42	.44	126	116
Nevada	1,179	1,282	100.0	100.0	.45	.47	184	180
Utah	5,180	5,485	86.0	86.0	.41	.43	113	101
Virginia	6,637	7,211	89.3	91.9	.88	.88	171	171
Delaware	53	144	72.5	34.1	.94	.82	203	194
Florida	377	351	89.1	100.0	.67	.58	231	253
Georgia	1,272	1,239	86.6	84.0	1.02	1.07	183	177
Kentucky	-	60	-	100.0	-	.58	-	158
Massachusetts	529	580	77.1	100.0	.80	.95	176	171
Michigan	-	113	-	100.0	-	1.09	-	186
New Jersey	377	627	99.3	100.0	.58	.58	178	177
North Carolina	1,574	1,831	99.9	98.4	.86	.83	173	168
Ohio	10	-	-	-	.65	-	144	-
South Carolina	376	421	94.3	91.3	1.14	.92	162	160
Tennessee	575	477	100.0	100.0	1.30	1.39	129	130
Virginia	1,453	1,367	80.1	85.9	.74	.70	155	159
Wisconsin	41	-	-	-	.56	-	171	-
Washington	1,892	2,013	100.0	99.6	.79	.94	155	164
Washington	1,892	2,013	100.0	99.6	.79	.94	155	164
West Virginia	34,887	37,388	84.5	78.0	1.29	1.31	160	157
Alabama	499	4	78.4	-	.98	.51	142	151
Delaware	506	556	94.2	94.5	.62	.67	181	183
Florida	890	887	89.8	84.5	.88	1.00	186	181
Georgia	804	616	74.2	98.5	.53	.58	232	244
Illinois	278	41	30.6	56.2	.57	.53	151	170
Indiana	11	204	-	76.8	.50	.55	170	211
Kentucky	1,421	1,430	72.3	39.2	.69	.82	131	128
Louisiana	85	114	100.0	100.0	.45	.53	170	205
Maryland	1,898	2,328	74.5	56.6	.86	.88	156	158
Massachusetts	970	628	95.9	91.3	.94	1.00	173	167
Michigan	2,657	2,330	88.9	74.3	.65	.67	175	170
New Hampshire	137	371	21.8	82.2	1.26	1.59	174	176
New Jersey	608	689	85.8	90.0	1.06	1.00	185	179
New York	1,453	1,911	90.3	89.2	1.59	1.53	164	164
North Carolina	2,237	2,344	88.8	81.0	.65	.64	179	179
Ohio	5,396	5,405	76.7	81.1	1.57	1.50	149	148
Pennsylvania	3,751	3,901	97.7	95.4	2.22	2.31	150	146
South Carolina	56	8	76.4	40.5	.78	.76	179	179
Virginia	916	670	66.7	67.0	.80	.77	157	158
West Virginia	10,314	12,897	87.2	75.3	1.48	1.42	155	149
Wisconsin	-	51	-	-	-	1.49	-	162
Wyoming	76,378	70,849	84.5	86.5	.44	.44	132	134
Alabama	-	216	-	-	-	.44	-	170
Arkansas	5,375	4,064	100.0	100.0	.37	.41	159	173
Colorado	2,370	2,064	100.0	100.0	.36	.40	109	106
Georgia	1,171	275	-	-	.41	.37	153	160
Illinois	1,423	1,483	89.7	95.2	.41	.42	278	287
Indiana	4,336	4,710	83.5	81.9	.40	.39	129	129
Iowa	5,617	5,616	78.1	71.9	.42	.43	101	104
Kansas	4,883	5,964	89.1	87.7	.38	.41	122	123
Kentucky	506	50	100.0	78.0	1.42	.38	124	125
Louisiana	3,331	2,723	100.0	100.0	.46	.54	183	180
Michigan	1,085	537	23.2	56.6	.36	.28	113	109
Minnesota	2,881	3,107	99.7	88.9	.30	.28	131	129
Missouri	3,872	3,097	70.1	64.6	.43	.42	99	97
Nebraska	3,536	3,517	64.5	76.5	.41	.43	76	77
Nevada	185	298	100.0	100.0	.42	.42	196	203
New York	9	-	-	-	.43	-	191	-
Oklahoma	6,552	5,943	83.7	92.2	.44	.45	127	137
Oregon	907	-	56.1	-	.36	-	108	-
Texas	14,479	13,229	96.2	94.2	.42	.45	178	183
Washington	-	282	-	-	-	.31	-	128

See footnotes at end of table.

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,
January-May 1991 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Wyoming								
Wisconsin	4,829	4,496	70.4	69.9	0.41	0.41	114	114
Wyoming	9,231	9,176	85.0	85.0	.61	.61	83	85
Imported Coal	851	609	65.1	72.5	.58	.62	160	178
Canada	-	34	-	-	-	.97	-	181
New Hampshire	-	34	-	-	-	.97	-	181
Colombia	693	453	63.2	85.8	.61	.64	160	177
Florida	693	389	63.2	100.0	.61	.65	160	177
Massachusetts	-	64	-	-	-	.61	-	179
Venezuela	158	122	73.2	42.9	.44	.44	160	182
Florida	42	-	-	-	.43	-	127	-
Massachusetts	24	70	100.0	-	.57	.48	168	181
New Hampshire	91	52	100.0	100.0	.41	.40	173	183
J.S. Total	311,704	326,315	86.0	82.5	1.26	1.30	147	146

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Methodology

Weekly Data

Weekly coal production estimates are based on weekly carload data collected by the Association of American Railroads (AAR) from its member railroads and other cooperating railroads. EIA calculates the average tonnage per carload for each railroad's coal car fleet from information obtained from the most recent Quarterly Freight Commodity Statistics filed by Class I Railroads with the Interstate Commerce Commission (ICC) and from data made available by individual railroads. These average tonnages per carload are then multiplied by the number of cars loaded to obtain an estimate of weekly coal production shipped by AAR railroads.

Next, the weekly coal production estimate for a specific week is obtained by dividing the AAR rail tonnage for the week by a factor representing the proportion of quarterly AAR rail shipments to total quarterly coal production for the same quarter of the previous year in order to reflect seasonal variation. The ratio of rail tonnage to total production is occasionally adjusted to take into consideration current rail or coal strikes.

Once the U.S. weekly coal production estimate is determined, it is split into two subtotals - a portion for States with little or no rail coal shipments, and a portion for the remaining States, in which a significant percentage of production is shipped by rail. The States with little or no railroad coal shipments are Alaska, Arizona, Arkansas, California, Georgia, Iowa, Kansas, Louisiana, Missouri, Texas, and Washington. With the exception of California and Louisiana, the weekly production estimate for each "nonrail State" is estimated by multiplying the U.S. weekly coal production estimate by the ratio of projected production for that State to total U.S. projected production, for the current quarter. The methodology used to project State coal production is given in the EIA publication *Model Documentation of the Short-Term Coal Analysis System* (DOE/EIA-0394). The EIA contacts the producers in California and Louisiana to obtain their production estimates.

Production estimates for the "rail States" are based on the weekly railroad tonnage data for railroads shipping coal from those States, data supplied by these railroads on the percentages of their coal shipments originating from these States, and estimates made by the EIA concerning the amount of State production tonnage that is shipped on these railroads. These figures are used to compute weekly coal production estimates for these "rail States." These independent estimates are then proportionately adjusted to insure that the total production estimate for these "rail States" equals the U.S. total weekly coal production estimate minus the production estimated for all of the "nonrail States." Separate

production estimates are made for the anthracite and bituminous coal regions in Pennsylvania, eastern and western Kentucky, and northern and southern West Virginia.

Monthly Data

Preliminary estimates of monthly coal production by State are obtained by summing weekly coal production estimates published in the *Weekly Coal Production* report. If a week extends into a new month, the production is allocated by day, and the days are added to the month in which they occur. For weeks without holidays, the allocation is Monday through Friday, 18.4 percent each day; Saturday, 8 percent; and Sunday, 0 percent. For weeks with a holiday occurring on a day other than Sunday, the allocation is Sunday and the holiday, 0 percent; and any other day, 20 percent.

Preliminary weekly and monthly production estimates are revised quarterly when quarterly production data, become available. Preliminary weekly and monthly estimates are proportionately adjusted to conform to the quarterly production figure.

Quarterly Data

Estimates of quarterly coal production are based on data collected quarterly on Form EIA-6, with certain adjustments. The national estimate of quarterly coal production is set equal to the quarterly U.S. coal production total as reported on the Form EIA-6. Based on 1988 and 1989 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988 and 1 percent to 2 percent for 1989.

The quarterly production data, although published throughout the year, are considered preliminary until EIA annual production data are finalized in September of the following year. At that time quarterly production data are revised (proportionately adjusted) to conform to the final annual production figures.

Finalizing Annual Production

Preliminary total annual U.S. coal production, as reported in the *Weekly Coal Production* report in the first week in January of the following year, is the sum of revised monthly/quarterly estimates of production for the first 9 months (first three quarters) and a preliminary estimate of fourth quarter production derived from weekly estimates.

When production data for the fourth quarter of the year become available from Form EIA-6 in March of the following year, the preliminary fourth-quarter U.S. total production figure and corresponding State-level figures may or may not be revised, depending on the size of the difference between the estimates and fourth-quarter data. As a general practice, EIA does not revise the initial annual production estimates (determined initially in January of the following year). Weekly, monthly, and quarterly State and national production data are adjusted to

conform to finalized annual production figures derived from Form EIA-7A, in September of the following year.

Based on 1988 and 1989 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988 and 0.09 percent to 0.14 percent for 1989.

Electronic Publishing System (EPUB)

User Instructions

EPUB is an electronic publishing system maintained by the Energy Information Administration of the U.S. Department of Energy. EPUB allows the general public to electronically access selected energy data from many of EIA's statistical reports. The system is a menu-driven, bulletin board type system with extensive online help capabilities that can be accessed free of charge 24 hours a day by using a terminal or PC with an asynchronous modem. (EPUB will be taken down briefly at midnight for backup.)

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PC users must provide the following information to their communications software in order to successfully access the EPUB system. Consult your communications software documentation for information on how to correctly configure your software.

Communications Parameters:

BAUD RATE: 300 - 2400 bps

DATA BITS: 8

STOP BITS: 1

PARITY: NONE

DUPLEX: FULL

TERMINAL TYPE: *example:* ANSI, ANSI-BBS, VT100

ACCESS PHONE NUMBER

Once your communications software and/or hardware has been configured, you can access EPUB by dialing (202)586-2557.

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When a connection to the system has been made, some users may find that the menu-driven instructions and the online help capabilities will provide enough information to effectively use EPUB. If needed, more extensive information may be found in the EPUB Users Guide, which is available online from the EPUB system or from:

National Energy Information Center, EI-231

Energy Information Administration

Forrestal Building, Room 1F-048

Washington, DC 20585

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EPUB PROVIDES SELECTED DATA FROM THE FOLLOWING EIA PUBLICATIONS:

Weekly Petroleum Status Report, updated on Wednesdays at 5:00 p.m.

Petroleum Supply Monthly, updated on the 20th of the month

Petroleum Marketing Monthly, updated on the 20th of the month

Natural Gas Monthly, updated on the 20th of the month

Weekly Coal Production, updated on Fridays at 5:00 p.m.

Quarterly Coal Report, updated 60 days after the end of the quarter

Electric Power Monthly, updated on the 1st of the month

Monthly Energy Review, updated the last week of the month

Short Term Energy Outlook, updated 60 days after the end of the quarter.